PTO/SB/08a (06-09)
Approved for use through 07/31/2009. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	10590585
Filing Date	2006-08-24
First Named Inventor	Hirobumi Takahashi
Art Unit	1614
Examiner Name	
Attorney Docket Number	BY0038P

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	4016281		1977-04-05	Jonas et al.	
	2	4130646		1978-12-19	Vogt et al.	
	3	6166209		2000-12-26	Adam et al.	
	4	6869960		2005-03-22	Ito et al.	
	5	7115633		2006-10-03	Barlocco et al.	
	6	7125877		2006-10-24	Kobayashi et al.	
	7	7223867		2007-05-29	Palombi et al.	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.O./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	10590585
Filing Date	2006-08-24
First Named Inventor	Hirobumi Takahashi
Art Unit	1614
Examiner Name	
Attorney Docket Number	BY0038P

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	Bigan et al., "Recent Advances Towards the Discovery of ORL-1 Receptor Agonists and Antagonists", Expert Opin. Ther. Patents, Vol. 15, pgs. 357-388, 2005.	☐
	2	Chiou et al., "Nociceptin/Orphanin FQ Peptide Receptors: Pharmacology and Clinical Implications", Current Drug Targets, Vol. 8, pgs. 117-135, 2007.	☐
	3	Niiyama et al., "6-Carboxy-5,7-Diarylcyclopentenol[1,2-b] Pyridine Derivatives: A Novel Class of Endothelin Receptor Antagonists", Biorg. Med. Chem., Vol. 10, pgs. 2461-2470, 2002.	☐
	4	Pita et al., "A Simple, Efficient Method for Regioselective Synthesis of 7-Aminomehtyl-7,8-Dihydro-6H-Quinolin-5-ones, New Potential CNS Agents", Tetrahedron Letters, Vol. 41, pgs. 9829-9833, 2000.	☐

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.O./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	10590585
	Filing Date	2006-08-24
	First Named Inventor	Hirobumi Takahashi
	Art Unit	1614
	Examiner Name	
	Attorney Docket Number	BY0038P

	5	Ronzoni et al., "Lead Generation and Lead Optimisation Approches in the Discovery of Selective, Non-Peptide ORL-1 Receptor Agonists and Antagonists", Expert. Opin. Ther. Patents, Vol. 11, pgs. 525-546, 2001.	☐
	6	Zaratin et al., "Modification of Nociception and Morphine Tolerance by the Selective Opiate Receptor-Like Orphan Receptor Antagonist (-) Cis-1-Methyl-7[[4-2,6-Dichlorophenyl) Piperidin-1-yl]Methyl]-6,7,8,9-Tetrahydro-5H-Benzocyclophepten-5-ol (SB-612111)", J. of Pharmacology and Experimental Therapeutics, Vol. 308, pgs. 454-461, 2004.	☐
	7	Yoshizumi et al., "A Novel Class of Cycloalkano[b] Pyridines as Potent and Orally Active Opioid Receptor-Like 1 Antagonists with Minimal Binding Affinity to the hERG K+ Channel", J. Med. Chem, Vol. 51, pgs. 4021-4029, 2008.	☐
	8	Zaveri et al., "Peptide and NonPeptide Ligands for the Nociceptin/Orphanin FQ Receptor ORL1: Research Tools and Potential Therapeutic Agents", Life Sciences, Vol. 73, pgs. 663-678, 2003.	☐

If you wish to add additional non-patent literature document citation information please click the Add button [Add]

EXAMINER SIGNATURE

Examiner Signature	/David O Dell/	Date Considered	02/23/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.O./